SAMSUNG

DUAL BAND GSM TELEPHONE SGH-T400

OWNER'S MANUAL

SAMSUNG ELECTRONICS

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Contents

Important Safety Precautions 7

Unpacking 9

Your Phone 10
Phone Layout 10
Display 13
Service Light 16

Getting Started 17
Installing the SIM Card and the Battery 17
Charging a Battery 19
Switching the Phone On/Off 22
Using the Ear-Microphone 23

Call Functions 24
Making a Call 24
Adjusting the Volume 26
Answering a Call 27
Viewing Missed Calls 28
In-Call Options 30

Phonebook 37
Storing a Phone Number with a Name 37
Using the Phonebook Options 38
Speed-Dialling by SIM Memory Location 41
Searching for and Dialling a Number in the Phonebook 42
Dialling a Number Using the Service Directory or Information Numbers 43

The information in this manual is believed to be correct at the time of printing; Samsung reserves the right, however, to change or modify any of the specifications without notice. Some of the contents in this manual may differ from your phone, depending on the software installed, your SIM card or your service provider.

Contents **(continued)**

Entering Text 44
Changing the Text Input Mode 45
Using the T9 Mode 46
Using the ABC Mode 48
Using the Number Mode 50
Using the Symbolic Mode 50

Selecting Functions and Options 51

Using the Menus 53
Menu Structure 54

Call Records 57
Missed Calls *(Menu 1-1)* 57
Received Calls *(Menu 1-2)* 57
Dialled Calls *(Menu 1-3)* 58
Call Time *(Menu 1-4)* 58
Call Cost *(Menu 1-5)* 59

Messages 60
Voice Mail *(Menu 2-1)* 60
Read Messages *(Menu 2-2)* 61
Write Messages *(Menu 2-3)* 63
Preset Message List *(Menu 2-4)* 64
Setup *(Menu 2-5)* 64
Broadcast *(Menu 2-6)* 65
Picture Messages *(Menu 2-7)* 67

Voice Functions 69
Voice Dial *(Menu 3-1)* 69
Voice Command *(Menu 3-2)* 71
Voice Memo *(Menu 3-3)* 72
AnswerPhone *(Menu 3-4)* 73

Tones 74
Ring Tone *(Menu 4-1)* 74
Melody Composer *(Menu 4-2)* 75
Ring Volume *(Menu 4-3)* 77
Alert Type *(Menu 4-4)* 77
Keypad Tone *(Menu 4-5)* 78
Message Tone *(Menu 4-6)* 78
Power On/Off *(Menu 4-7)* 78
Error Tone *(Menu 4-8)* 79
Minute Minder *(Menu 4-9)* 79
Connect Tone *(Menu 4-10)* 79

Settings 80
Phone Settings *(Menu 5-1)* 80
Network Services *(Menu 5-2)* 86
Security Settings *(Menu 5-3)* 95
LCD/LED Settings *(Menu 5-4)* 98
Browser Settings *(Menu 5-5)* 100

Organiser 101
Scheduler *(Menu 6-1)* 101
Alarm *(Menu 6-2)* 103
Calculator *(Menu 6-3)* 105
To Do List *(Menu 6-4)* 107
Calendar *(Menu 6-5)* 108
World Time *(Menu 6-6)* 109
Clock *(Menu 6-7)* 110
Conversion *(Menu 6-8)* 111
Timer *(Menu 6-9)* 113
Stopwatch *(Menu 6-10)* 114

Contents **(continued)**

Games 115
Bowling *(Menu 7-1)* 116
Speed Up *(Menu 7-2)* 116
Honey Ball *(Menu 7-3)* 117

WWW Services 119
Home *(Menu 8-1)* 119
Bookmark *(Menu 8-2)* 120
Goto *(Menu 8-3)* 121
Navigating with the WAP Browser 121
Entering Text, Numbers or Symbols 123

Additional Services 124
ALS (Alternate Line Service) 124

Solving Problems 126

Reference Information 129
Access Codes 129
Health and Safety Information 132

Glossary 145

Index 149

Quick Reference Card 153

Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see “Health and Safety Information” on page 132.

Road Safety at All Times

Do not use a hand-held phone while driving; park the vehicle first.

Switching Off When Refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switching Off in Aircraft

Wireless phones can cause interference. Using them in aircraft is both illegal and dangerous.

Switching Off in Hospitals

Switch off your phone near medical equipment. Follow any rules or regulations in force.

Interference

All wireless phones may be subject to interference, which may affect their performance.

Special Regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Radio Frequency Exposure

The design of this phone complies with European Union (EU) requirements relating to radio frequency (RF) exposure. To maintain compliance with these requirements, use only Samsung-supplied or approved accessories. Use of non-approved accessories may violate the requirements.

Sensible Use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

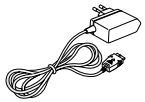
Qualified Service

Only qualified service personnel may install or repair your phone.

Unpacking

Your package contains the following items.

Phone


Travel Adapter

Hand Strap

Batteries

Owner's Manual

Battery Charger

Wearable Ear-Microphone

In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

- Cigarette lighter adapter
- Car cradle
- Standard battery
- Content download kit
- Simple hands-free kit
- Data kit

Note: There is a rubber dust cover fitted to the connector on the bottom of the phone for protection during shipment. When unpacking the product, remove this cover and dispose of it along with any other unwanted packaging.

Your Phone

Phone Layout

The following illustrations show the main elements of your phone.

Open View

Volume

During a call, adjust the earpiece volume. In idle mode with the phone open, adjust the key volume.
When held down with the phone closed, reject an incoming call.

Closed View

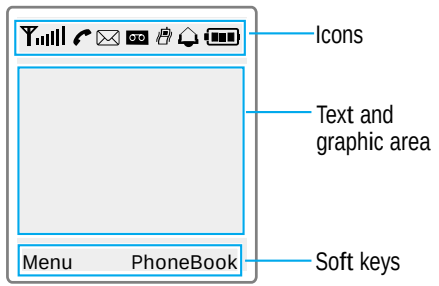
Key	Description
(soft keys)	Perform the functions indicated by the text above them (on the bottom line of the display).
	In the menu facility, scroll through the menu options and phonebook memory. In idle mode, allows you to access the Messages menu, allows you to access the Ring Tone menu.

Key	Description (continued)
C	Deletes characters from the display.
i	In idle mode, launches the WAP Browser directly.
	Makes or answers a call. In idle mode, recalls the last number dialled, received or missed. In the menu facility, selects a menu function or stores information that you have entered (such as a name) in the phone or SIM memory.
	Ends a call. When held down, switches the phone on and off. In the menu facility, cancels your input and returns to the idle mode.
1 GTD	When held down in idle mode, accesses your voice mail.
0 + ~ 9 WXYZ	Enter numbers, letters and some special characters.
* #	Used for various purposes in different functions. When held down while entering a number, * enters a pause. When held down in idle mode, # activates/deactivates the silent mode.

Display

Display Layout

The display comprises three areas.



Area	Description
First line	Displays various icons (see page 14).
Middle lines	Display messages, instructions and any information that you enter (number to be dialled, for example).
Last line	Shows the functions currently assigned to the two soft keys.

Icons

Shows the received signal strength. The greater the number of bars, the stronger the signal.

Appears when a call is in progress.

Appears when the phone can not find a signal.

Appears when a new text message has been received.

Appears when a new voice mail message has been received.

Appears when the vibrate mode is on; the phone vibrates rather than rings when you receive a call.

Appears when you set an alarm.

Shows the level of your battery. The more bars you see, the more power you have left.

Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Backlight** option set in the **Phone Settings** menu. The backlight remains on at all times when the phone is connected to an optional car kit.

To specify the length of time for which the backlight is active, set the **Backlight** menu option; see page 82 for further details.

External Display

Your phone has an external display on the cover, showing the signal strength and battery strength. It indicates that you have an incoming call or message, notifies you of any missed calls, indicates whether the vibrate mode is on and notifies you at the specified time when you set an alarm.

When you hold down one of the volume keys in idle mode with the phone closed, the external display backlight illuminates.

Service Light

The service light is in the top right-hand corner of the phone. It flashes when services are available on the phone.

To activate or deactivate use of the service light, set the **Service Light** menu option; see page 83 for further details.

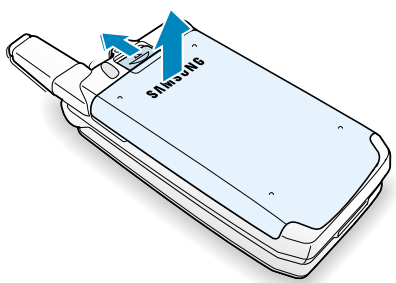
Installing the SIM Card and the Battery

When you subscribe to a cellular network, you are provided with a SIM card loaded with your subscription details, such as your PIN, any optional services available and so on.

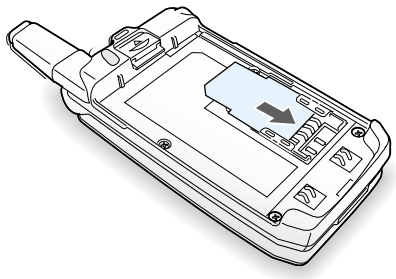
- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- Before installing the SIM card, always make sure that the phone is switched off before you remove the battery.

1. If necessary, switch off the phone by holding down until the closing animation is displayed.

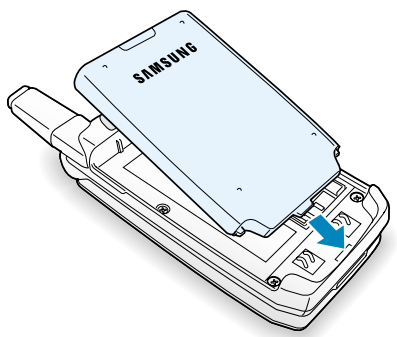
2. Push the catch above the battery on the back of the phone and hold it in this position. Lift the battery away.



3. Insert and slide the SIM card under the two tabs, ensuring that the notched corner is top left and the gold contacts of the card face into the phone.



4. Place the battery back on the phone. First insert the teeth on the bottom of the battery into the corresponding slots, then push the battery against the back of the phone until it clicks into place. Make sure that the battery is properly installed before switching the phone on.



Charging a Battery

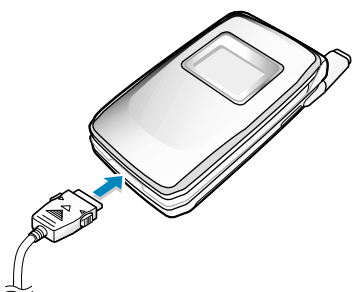
Your phone is powered by a rechargeable Li-ion battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Note: You must fully charge the battery before using your phone for the first time. A discharged standard battery is fully recharged in approximately 160 minutes.

Using a Travel Adapter

The phone can be used while the battery is charging.

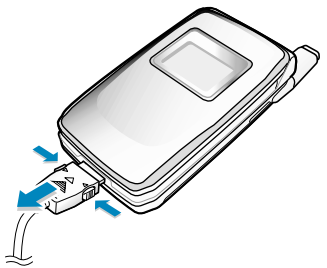
1. Connect the travel adapter connector into the bottom of the phone. Check that the arrow on the lead connector is facing towards the front of the phone.



2. Connect the adapter to a standard AC wall outlet.

   When the battery is charging, the battery icon in the top right-hand corner of the display fills repeatedly.

3. When charging is finished, disconnect the adapter from the power outlet, and from the phone by pressing the grey tabs on both sides of the connector and pulling the connector out.



Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery sensor informs you in the following ways: an empty battery icon flashes (), you hear a warning tone and a message is repeated at regular intervals on the display. When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On / Off

1. Open the phone.

2. Hold down until the phone switches on.

3. If the phone asks for a password, key in the password and press the **OK** soft key. The password is factory set to 0000. For further details, see page 129.

4. If the phone asks for a PIN, key in the PIN and press the **OK** soft key. For further details, see page 130.
   When the phone has registered with an approved network provider, the idle screen, illustrated below, is displayed on the main and external displays.

Main display

External display

Note: The display language is determined by the SIM card inserted. To change the language, use the **Language** menu option; for further details, refer to page 81.

5. When you wish to switch the phone off, hold down until the power-off animation is displayed.

Using the Ear-Microphone

With the ear-microphone supplied with your phone, you can make or answer a call without holding the phone. When you connect the ear-microphone to the jack above the volume keys, the button on the ear-microphone will operate as listed below.

To...	**Then press the button...**
Redial the last call	Twice in idle mode.
Answer a call	When you receive the call.
End a call	When you have finished the call.

Note: You can use the voice dialling or voice command features by pressing the button, if the **Active Folder** menu option is set to **Voice Dial** or **Voice Command**. For further details, refer to page 84.

Call Functions

Making a Call

When the idle screen is displayed, key in the area code and phone number and press .

Note: If you have set the **Auto Redial** option to **ON** (see page 83) and the person called does not answer or the line is busy, the number is redialled automatically up to ten times.

Making an International Call

1. Press and hold down for the international prefix. The + character appears.
2. Key in the country code, area code and phone number and press .

Correcting the Number

To clear...	Then...
The last digit displayed	Press the ← soft key.
Any other digit in the number	Press until the cursor (I) is immediately to the right of the digit to be cleared. Press the ← soft key. You can also insert a missing digit simply by pressing the appropriate key.
The whole display	Hold down the ← soft key for more than one second.

Ending a Call

When you have finished your call, briefly press .

Making a Call from the Phonebook

You can store the names and phone numbers called regularly in the SIM card and phone memories, which are jointly called the phonebook. You then do not need to remember all your numbers; simply select the required name to recall the associated number. For further details on the Phonebook feature, refer to page 37.

Voice Dialling

If you have set the **Active Folder** option to **Voice Dial** (see page 84), your phone also allows you to say a name when you open the phone. It then automatically dials the number stored with that name. For further details on the Voice Dialling feature, refer to page 69.

Redialling the Last Number

The phone stores the last 15 numbers dialled, received or missed. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, press to return to the idle mode.

2. Access the list of numbers by pressing .

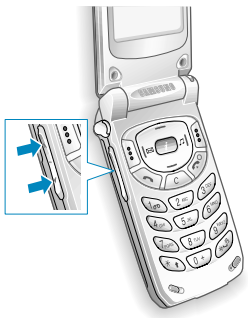
3. Use or to scroll through the list of numbers until the required number is highlighted.

4. To dial the number, press .

Adjusting the Volume

During a call, if you wish to adjust the earpiece volume, use the volume keys on the left side of the phone.

Press to increase and to decrease the volume.



In idle mode with the phone open, you can adjust the key volume using the same keys.

Answering a Call

When somebody calls you, the phone rings and the icon indicating the call is animated in the middle of the screen. If the caller can be identified, the caller's phone number or name, if stored in your phonebook, is displayed.

1. To answer a call, open the phone. If the phone is already open, press or the **Accept** soft key.

   If the **Any-key Answer** menu option is set to **ON**, you can press any key to answer a call, except for and the **Reject** soft key (see page 82).

   Note: To reject an incoming call, press the Reject soft key or . When the phone is closed, hold down the volume key on the left side of the phone.

2. End the call by closing the phone or pressing .

   Note: You can answer a call while using the phonebook or menu features.

Viewing Missed Calls

If you have a subscription that includes the Caller Line Identification (CLI) feature and you are unable to answer a call for any reason, you can find out who was calling you and then call the person back, if necessary.

The number of missed calls is displayed on the idle screen immediately after a call was missed.

To view the missed call immediately, proceed as follows.

1. If the phone is closed, open it.

2. Press the **View** soft key.

   The number corresponding to the most recent missed call is displayed, if available.

3.

To...	**Then press...**
Scroll through the missed calls	or .
Call the number displayed	.
Edit or delete a missed call number	The **Options** soft key (see the following paragraphs).

Editing a Missed Call Number

1. Press the **Options** soft key.

2. Press the **Select** soft key.

3. Change the number as required. Press or to move back through the number.

4.

To...	**Then press...**
Call the number	.
Store the number	The **Save** soft key and enter the name and location required (for further details, refer to page 37).

Deleting a Missed Call

1. Press the **Options** soft key.

2. Press or to highlight the **Delete** option.

3. Press the **Select** soft key.

You can press at any time to exit the Missed Call feature.

Note: You can access the Missed Call feature at any time by selecting the **Missed Calls** menu option; for further details, see page 57.

In-Call Options

Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the **Options** soft key.

Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the calling party to hear you.

To switch the microphone off temporarily, proceed as follows.

1. Press the **Options** soft key.
2. Press or to highlight the **Mute** option.
3. Press the **OK** soft key.

Your correspondent can no longer hear you.

To switch the microphone back on, proceed as follows.

1. Press the **Options** soft key.
2. Press or to highlight the **Unmute** option.
3. Press the **OK** soft key.

Your correspondent can hear you again.

Searching for a Number in the Phonebook

You can search for a number in the phonebook during a call.

1. Press the **Options** soft key.
2. Press or to highlight the PhoneBook option.
3. Press the **OK** soft key.
4. Enter the first few letters of the name that you want to find and press the **Find** soft key.

   Note: You can also scroll through the phonebook from the beginning, by pressing the Find soft key directly.

   The phonebook entries are listed, starting with the first entry matching your input. This entry is also highlighted.

5. To review the highlighted entry, press the **View** soft key.

For a more detailed description of the Phonebook feature, refer to page 37.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can make another call while you have a call in progress if this service is supported by the network. Of these two calls, one is active and the other is on hold and you can swap between the calls.

To place a call on hold, press the **Options** soft key, and select the Hold option. You can reactivate the call whenever you want, by pressing the **Retrieve** soft key.

To make a call while you have a call in progress, proceed as follows.

1. Key in the phone number that you wish to dial or look it up in the phonebook.
2. Press to dial the second call.
   The first call is automatically put on hold.

Or alternatively, proceed as follows.

1. Put the current call on hold by pressing the **Options** soft key and selecting the **Hold** option.
2. Make the second call in the normal way.

To swap between the two calls, simply press the **Swap** soft key.

The current call is placed on hold and the call on hold is reactivated so that you can continue conversing with the other party.

When you have finished, end each call normally by pressing .

Answering a Second Call

You can answer an incoming call while you have a call in progress, if this service is supported by the network and if you have activated the **Call Waiting** menu option; see page 91. You will be notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress, proceed as follows.

1. Press to answer the incoming call.
   The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key.

   To end a held call, press the **Options** soft key and select the **End held** option.
3. To end the current call, press .
   Any held calls will automatically be reconnected to you.

Making a Multiparty Call

A multiparty call is a network service that allows up to six people to take part simultaneously in a multiparty or conference call. For more information, contact your service provider.

Setting Up the Multiparty Call

1. Call the first participant in the normal way.

2. Call the second participant in the normal way. The first call is automatically put on hold.

3. To join the first participant to the multiparty call, press the **Options** soft key and select the **Join** option.

4. To add a new person to the multiparty call, call the person in the normal way. Then press the **Options** soft key and select the **Join** option.

You can add incoming callers by answering the call, pressing **Options** and selecting the **Join** option. Repeat as required.

Having a Private Conversation With One Participant

1. Press the **Options** soft key and choose the **Select One** option.
   The list of call participants appears.

2. Highlight the required person, by pressing or , and then press .

3. Select **Private**.

   Now you can talk privately with that person. The other participants can continue to converse with each other.

4. To return to the multiparty call, press the **Options** soft key and select **Join**.

   All the multiparty call participants can now hear each other.

Dropping One Participant

1. Press the **Options** soft key and choose the **Select One** option.
   The list of call participants appears.

2. Highlight the required person, by pressing or , followed by .

3. Select **Remove**.

   The call is ended with that participant, but you can continue to talk with the other participants.

4. End the multiparty call by closing the phone or pressing .

Muting / Sending Key Tones

These options allow you to turn the key tones off or on. If the **Mute keys** option is selected, your phone does not transmit the key tones.

Note: To communicate with answering machines or computerised telephony systems, the Send keys option must be selected.

Using the SMS Service

If you receive an SMS (Short Message Service) message during a call, the message icon (✉) flashes in the display.

Either during your call or after you have finished it, you can read the message or send a reply; refer to page 60 for further details.

Phonebook

You can store phone numbers and the corresponding names in the memory of your SIM card. In addition, you can store up to 500 numbers and names in the phone memory. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called the phonebook.

Note: If you change phones, any numbers stored in your SIM card are automatically available with the new phone, whereas any numbers stored in the phone must be stored again.

Storing a Phone Number with a Name

As soon as you start to enter a number, **Save** appears above the left soft key to allow you to store the number in the phonebook.

1. Key in the number to be stored.

   Notes:
   - If you make a mistake while entering a number, correct it using the ⬅ soft key. For further details, refer to page 24.
   - To insert a dialling pause for special phone services, such as banking by phone, hold down . "P" is displayed to indicate the pause.
2. When you are sure that the number is correct, press the **Save** soft key.
3. Enter the associated name.
   The maximum length of a name depends on your SIM card. For information on how to enter characters, see page 44.
4. When you are satisfied, press the **Save** soft key.
   The phone now displays the first free location in the SIM card for you to save the number and name.

If the card memory is full, the first free location in the phone memory is displayed.

5. Press the right soft key to toggle between the phone (**To Phone**) and card (**To Card**) memories.
6. If you do not want to save the number and name in the suggested location, press to clear the location number and enter your preferred location by pressing the number keys.
7. Press the **OK** soft key to store the name and number.
8. You can access the phonebook options by pressing the Options soft key, or scroll through the memory with or .

   To exit, press .

Using the Phonebook Options

When storing or viewing a number in the phonebook, **Options** appears above the left soft key to allow you to access the phonebook options, described in the following paragraphs.

Accessing the Options

To access the various phonebook options, proceed as follows.

1. Press the **Options** soft key.
   The first available option is highlighted.
2. Scroll to the required option by pressing or .
3. Press the Select soft key.

The following options are available.

Voice Record

Note: This option appears only when no name has been recorded.

This option allows you to add a voice tag to the number.

Follow the instructions given by your phone to record the required name.

Play Voice

Note: This option appears only when you have already recorded some names.

This option plays back the names that you have recorded.

Voice Delete

Note: This option appears only when you have already recorded some names.

This option allows you to delete a specific voice entry.

You are asked to confirm the deletion by pressing the **OK** soft key.

Paste

This option allows you to paste the phonebook number into the normal dialling mode. Use this option to dial a number similar to one in the phonebook (a different extension in the same office, for example).
Use the ← soft key to change the number as required; refer to page 24 for further details. When you are ready to dial, press .

Edit

This option allows you to edit a number and name stored in the phonebook.

Erase

This option allows you to erase a number and name stored in the phonebook. You are asked to confirm that you wish to erase the name and number from the phonebook by pressing the **Yes** soft key.

Copy

This option allows you to copy a phonebook number to another location. Use this option to store a number similar to one already in memory; once copied, edit the number and store it into another location on the SIM card or in the phone memory.

Memory Status

This option allows you to check how many names and phone numbers are stored and how many locations are still free in the card and phone memories.

Alert

This option allows you to assign specific ring tones to up to twenty numbers and thus distinguish the caller by the ring tone.

Colour

This option allows you to assign a specific service light colour to a number and thus distinguish the caller by the service light colour.
Four colours are available (normal, orange, violet and blue) and they can be assigned to up to twenty numbers. If no specific colour is assigned, the service light flashes with the colour you set in the Service Colour option; see page 99.

Speed-Dialling by SIM Memory Location

Once you have stored phone numbers in the SIM card, you can dial them easily whenever required.

To speed-dial a number, proceed as follows.

To speed-dial a number in locations...	**Then...**
2 to 9	Press and hold down the appropriate key.
10 and above	Press the appropriate keys, followed by . When the display shows the name, phone number and location, press the Dial soft key.

Note: Memory location 1 is reserved for your Voice Mail server number.

Searching for and Dialling a Number in the Phonebook

1. When the idle screen is displayed, press the **PhoneBook** soft key.

2. If your SIM card provides Service Dialling Number (SDN) and Information Number services, press the OK soft key when the Find Entry option is highlighted.

3. Enter the start of the name that you wish to find and press the **Find** soft key.

   Note: You can also scroll through the phonebook from the beginning, by pressing the **Find** soft key directly.

   The phonebook entries are listed, starting with the first entry matching your input. This entry is also highlighted.

4.

To...	**Then press...**
View the highlighted entry	The **View** soft key.
Select a different entry	or one or more times until the required entry is highlighted.
Look for a name starting with a different letter	The key labelled with the required letter.

5. Once you have found the required entry, press to dial the number.

Dialling a Number Using the Service Directory or Information Numbers

Note: The Service Dir. and Information Numbers options may not be available, depending on your SIM card.

When the idle screen is displayed, press the **PhoneBook** soft key, then you can select one of the services.

Service Dir.: enables you to view the Service Directory and make calls from it.

Information Numbers: enables you to see the Information Numbers in a tree structure and make a call.

Entering Text

When storing a name in the phonebook, creating your personal greeting or scheduling events in your calendar, you will need to enter text.

You are provided with the following text input modes.

T9 Mode
This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter – when you press 5 once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode.

ABC Mode
This mode allows you to enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

Number Mode
This mode allows you to enter numbers.

Symbolic Mode
This mode allows you to enter special characters.

T9 is a registered trademark of Tegic Communications, Inc. and is licensed under U.S. Patent 5,818,437/5,953,541/ 6,011,554.

Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will see the text input mode indicator at the bottom of the display.

To change to another text input mode, proceed as follows.

1. Press the right soft key, indicating the current text input mode.

2. Scroll to the required mode, by pressing or .

   Note: If you want to exit the menu without changing the mode, press the ↩ soft key.

3. Press the Select soft key to select the highlighted text input mode.

   The selected text input mode is indicated on the bottom line of the display.

Using the T9 Mode

To type a word, proceed as follows.

1. Start entering the word by pressing keys 2 ABC to 9 WXYZ. Press each key only once for each letter.

   Example: To enter Hello in the T9 mode, press 4 GHI, 3 DEF, 5 JKL, 5 JKL and 6 MNO.

   The word you are typing appears in the display. It may change with each key that you press.

2. Enter the whole word before editing or deleting any keystrokes.

3. If the word is correct, start entering the next word. Otherwise, press 0 + repeatedly to display other word choices for the keys that you have pressed.

   Example: Both “of” and “me” have the sequence 6 MNO and 3 DEF. The phone displays the most commonly used choice first.

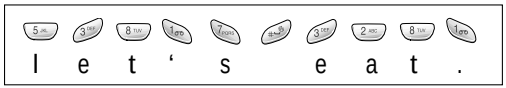
4. Complete each word with a space by pressing #.

To type words not found in the T9 mode, change the text input mode to the ABC mode.

Smart Punctuation

To enter periods, hyphens or apostrophes, press 1 @?. The T9 mode applies rules of grammar to insert the correct punctuation.

Example: The 1 @? key is used twice to display two punctuation marks.



Changing the Case

To change the case of the next letter(s) that you type, press *. There are three case states:

- Lower Case
- Initial Capitals
- Capital Lock

Scrolling

- To move the cursor to the left or right within the text, press ◄ or ►.
- To scroll through other word choices for the keys you have entered, press 0 +.

Clearing Letters and Words

To clear letters to the left of the cursor, press C one or more times. To erase entire words, hold down C.

Using the ABC Mode

When typing in the ABC mode, press the key labelled with the required letter:

- Once for the first letter
- Twice for the second letter
- And so on

Example: To display the letter “C”, quickly press 2 three times. To display the letter “K”, press 5 twice. This method is called Multi-tap typing.

Refer to the table below for more information on the characters available.

Key	Characters in the Order Displayed	
	Upper Case	Lower Case
1	: ; 1 = “ /	. , ? ! 1 - ‘ @ :
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	0 ✱ < > % #	0 + ( ) & _ $

The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just wait a few seconds for the cursor to move right automatically, and then enter the next letter.

Changing the Case

To change the case of the next letter(s) that you type, press ✱. There are three case states:

- Lower Case
- Initial Capitals
- Capital Lock

Inserting a Space

To insert a space between each word, press 0.

Scrolling

To move the cursor to the left or right within the text, press ◄ or ►.

Clearing Letters and Words

To clear letters to the left of the cursor, press C one or more times. To erase entire words, hold down C.

Using the Number Mode

The Number mode enables you to enter numbers. Press the keys corresponding to the required digits before manually switching back to the appropriate text input mode.

Using the Symbolic Mode

The Symbolic mode enables you to insert symbols in a text message.

To...	Then press...
Display more symbols	.
Enter a given symbol	The corresponding key.

The phone automatically switches back to the text input mode used immediately prior to selecting the Symbolic mode.

Selecting Functions and Options

Your phone offers a set of functions that allow you to customise your phone. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked and . Each menu and sub-menu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the display just above each key indicates its current role.

Example:

Press the left soft key to access the menu functions.

Press the right soft key to access the Phonebook feature.

To view the various functions/options available and select the one required, proceed as follows.

1. Press the appropriate soft key.

2.

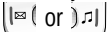
To...	**Then press...**
Select the: • Function displayed or • Option highlighted	The left soft key.
View the next function or highlight the next option in a list	
Move back to the previous function or option in a list	
Move back up one level in the structure	The right soft key.
Exit the structure without changing the settings	

In some functions, you may be asked for a password or PIN. Enter the required code and press .

Using the Menus

The phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and sub-menus.

The menus and sub-menus can be accessed by scrolling with the navigation keys.

1. In idle mode, press the Menu soft key to access the menu facility. Scroll with  to reach the required main menu, such as Tones.

2. If the menu contains any sub-menus, Ring Tone for example, find the one you want by scrolling with or . Press the Select soft key to enter the sub-menu.

   If the menu you have selected contains further options, repeat this step.

3.

To...	Then press...
Scroll through the menus	or .
Confirm the chosen setting	The Select soft key.
Return to the previous menu level	The ↩ soft key.
Exit the menu, without changing the settings	.

Menu Structure

The various menus let you check or change your phone settings. The following illustration shows the menu structure.The numbers assigned to each menu option may not match the menu number on the phone. It depends on the services supported by the SIM.

Note: You can only see menu 0, if your SIM card supports the SIM Application Toolkit. This is a network feature. Please contact your service provider for more information.

Main Menu	Level 1	Level 2
1. Call Records	1. Missed Calls	
	2. Received Calls	
	3. Dialled Calls	
	4. Call Time	1. Last Call Time
		2. Total Sent
		3. Total Received
		4. Reset Timers
	5. Call Cost [1]	1. Last Call Cost
		2. Total Cost
		3. Max Cost
		4. Reset Counters
		5. Set Max Cost
		6. Price/Unit
2. Messages	1. Voice Mail	1. Connect to Voice Mail
		2. Voice Server Number
	2. Read Messages	
	3. Write Messages	
	4. Preset Message List	
	5. Setup	1. Service Centre
		2. Default Type
		3. Default Validity
		4. Reply Path
		5. Delivery Report
	6. Broadcast	1. Read
		2. Receive
		3. Channel List
		4. Language
	7. Picture Messages	

Main Menu	Level 1	Level 2
3. Voice Functions	1. Voice Dial	1. Record
		2. Act
		3. Delete One
		4. Play All
		5. Delete All
	2. Voice Command	1. Record
		2. Act
		3. Play All
		4. Delete All
	3. Voice Memo	1. Record
		2. Replay
		3. Delete One
		4. Delete All
	4. AnswerPhone	1. AnswerPhone
		2. Message Record
		3. Message Select
4. Tones	1. Ring Tone	
	2. Melody Composer	
	3. Ring Volume	
	4. Alert Type	
	5. Keypad Tone	
	6. Message Tone	
	7. Power On/Off	
	8. Error Tone	
	9. Minute Minder	
	10. Connect Tone	
5. Settings	1. Phone Settings	1. Greeting Message
		2. Own Number [1]
		3. Language
		4. Any-key Answer
		5. Backlight
		6. Service Light
		7. Auto Redial
		8. Auto Answer
		9. Caller ID
		10. Active Folder
		11. Reset Settings
		12. Active Line [1]
	2. Network Services	1. Call Diverting [2]
		2. Call Barring [2]
		3. Call Waiting [2]
		4. Network Selection
		5. Line Identification [2]
		6. Closed User Group

[1] Shown only if supported by your SIM card.

[2] May not be shown or supported by your network service provider.

Main Menu	Level 1	Level 2
5. Settings (continued)	3. Security Settings	1. PIN Check
		2. Change PIN
		3. Phone Lock
		4. Change Password
		5. SIM Lock
		6. FDN Mode [1]
		7. Change PIN2 [1]
	4. LCD/LED Settings	1. Wallpaper
		2. Main Menu
		3. Skin
		4. LCD Brightness
		5. Service Colour
		6. Graphic Logo
	5. Browser Settings [2]	1. Proxy Settings
		2. Current Proxy
6. Organiser	1. Scheduler	
	2. Alarm	1. Daily Alarm
		2. Once Alarm
		3. Weekly Alarm
		4. Alarm Tone
	3. Calculator	
	4. To Do List	
	5. Calendar	
	6. World Time	
	7. Clock	1. Set Time
		2. Set Date
	8. Conversion	1. Length
		2. Weight
		3. Volume
		4. Area
		5. Temperature
	9. Timer	
	10. Stopwatch	
7. Games	1. Bowling	
	2. Speed Up	
	3. Honey Ball	
8. WWW Services [2]	1. Home	
	2. Bookmark	
	3. Goto	

[1] Shown only if supported by your SIM card.

[2] May not be shown or supported by your network service provider.

Call Records

Via this menu, you can view:

- Missed calls
- Received calls
- Dialled calls

The number and name (if available) are displayed together with the date and time at which the call was made. You can also view call times and costs.

Missed Calls

Menu 1-1

This option lets you view the last 15 unanswered calls. You can also:

- Edit the number if available and dial it or save it in the phonebook
- Delete the call from the list

Received Calls

Menu 1-2

This option lets you view the last 15 phone calls received. You can also:

- Edit the number if available and dial it or save it in the phonebook
- Delete the call from the list

Dialled Calls

Menu 1-3

This option lets you view the last 15 numbers dialled. You can also:

- Edit the number and save it in the phonebook
- Redial the number
- Delete the number from the list

Call Time

Menu 1-4

This option lets you view the timers for calls made and received. The following timers are available.

Last Call Time: length of the last call.

Total Sent: total length of all calls made since the timer was last reset.

Total Received: total length of all calls received since the timer was last reset.

You can use the **Reset Timers** option to reset the call timers; you must first enter the phone password (see page 129) and then press the **OK** soft key.

Note: The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes, and so forth.

Call Cost

Menu 1-5

This network feature lets you view the cost of calls. The following options are available.

Last Call Cost: cost of the last call made.

Total Cost: total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set via the **Set Max Cost** option, you can no longer make any calls, except calls to the emergency services, until you reset the counter.

Max Cost: maximum cost set via the **Set Max Cost** option (see below).

Reset Counters: option used to reset the cost counter; you must first enter your PIN2 (see page 130) and then press the **OK** soft key.

Set Max Cost: option used to enter the maximum cost that you authorise for your calls; you must first enter your PIN2 (see page 130) and then press the **OK** soft key.

Price/Unit: option used to set the cost of one unit; this price per unit is applied when calculating the cost of your calls; you must first enter your PIN2 (see page 130) and then press the **OK** soft key.

Messages

Your phone receives voice mail notification messages, and Short Message Service (SMS) text messages. Voice mail and SMS are network services. Please contact your service provider for more information.

When the icon appears, you have received voice mail. When the icon appears, you have received new text messages. If the message memory is full, an error message is displayed and you cannot receive any new messages. Use the **Delete** option in the **Read Messages** menu to delete obsolete messages. Once there is space in the memory, any undelivered SMS messages will be received (provided sufficient space is available).

Note: If your SIM card supports the ALS feature and you receive voice mail, one of the holes in the tape symbol ( ) is filled in to indicate the line concerned.

Picture and ring tone messages can also be received.

To...	Then use the...
Send or receive picture messages	**Picture Messages** menu option; see page 67.
Load ring tone messages	**Ring Tone** menu option; see page 74.

Voice Mail

Menu 2-1

This menu provides you with a quick way of accessing your voice mailbox (if provided by your network).

Connect to Voice Mail

Before using this feature, you must enter the voice server number obtained from your service provider (see the following page).

You can then select this option and simply press the **OK** soft key to listen to your messages.

Note: If you press and hold down when the phone is in idle mode, you can access your voice mail server directly, provided that the number has already been set via the Voice Server Number menu option.

Voice Server Number

You can change the voice mail server number.

Note: Some networks do not allow the user to change this setting.

To...	Then press...
Enter the server number	The corresponding number keys.
Recall a number in the phonebook	The **PhoneBook** soft key.
Correct a digit	The ← soft key or C.
Move the cursor to the left/right without clearing the digit	.

Note: See page 37 for instructions on how to use the phonebook.

Read Messages

Menu 2-2

When the **Read Messages** menu is selected, the header of the first message is displayed. This contains the:

- Message number
- Message status (new, old, not sent, sent)

To view this message, press the **View** soft key. The screen shows the:

- Sender's phone number (if sent with the message)
- Date and time at which the message was received
- Message text

To scroll through the messages, press or . You can choose the following options, by pressing the **Options** soft key.

Text Reply: allows you to reply by sending a text message. You can also:

- Change the SMS centre number (if required)
- Send the message
- Save and send the message
- Save but not send the message

Call back: allows you to call the sender back.

Edit: allows you to edit a message.

Delete: allows you to delete obsolete messages.

Cut Number: allows you to extract a number from the message text, so that you can call the number or save it in the phonebook.

Send: allows you to send a message that you have not already sent.

Send again: allows you to resend a message that you have already sent.

Note: The options available vary, depending on the message status (new, old, not sent, sent).

Write Messages *Menu 2-3*

Via this menu, you can write and edit text messages of up to 160 characters.

1. Key in a message. For details on how to enter text, refer to page 44.

2. After you complete the message, you can select the following options.

   Send Only: allows you to send the message immediately. You can enter the required destination.

   Save and Send: allows you to save a copy of the message and then send the message to the required destination. You can read the message using the **Read Messages** option. When you read the message, 'Sent' is displayed to indicate the message state.

   Save Only: allows you to save the message so that it can be sent later. When you read the message, 'Not sent' is displayed.

3. After selecting the required option, press the Select soft key.
   The display prompts you to enter the destination number.

4. Enter the phone number and press the OK soft key or press the PhoneBook soft key to select the number from the phonebook.

Preset Message List

Menu 2-4

Using this menu, you can preset up to five messages that you use most frequently. When you access this menu, the preset message list is displayed. Scroll through the list using or . When the required message number appears, press the **Options** soft key.

The following options are available.

Edit: allows you to write a new message or edit the selected preset message.

Note: For further information on how to enter characters, refer to page 44.

Send Message: allows you to recall the selected preset message. Once you have completed the message, you can send, save and send, or simply save it. For details on how to send a message, see page 63.

Delete: allows you to delete the selected preset message.

Setup

Menu 2-5

Via this menu, you can set up default SMS information.

Service Centre: allows you to store or change the number of your SMS centre required when sending messages. You must obtain this number from your service provider.

Default Type: allows you to set the default message type (Text, Voice, Fax, X400, Email and ERMES). The network can convert the message into the selected format (possibly on a subscription basis).

Default Validity: allows you to set the length of time for which your text messages will be stored at the message centre while attempts are made to deliver them.
Possible values are one hour, 6 hours, 24 hours, one week and the maximum authorised by your service provider.

Reply Path: allows the recipient of your SMS message to send you a reply via your message centre, if the service is provided by the network.

Delivery Report: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

Broadcast

Menu 2-6

This network service allows you to receive text messages on various topics, such as the weather or traffic. Messages are displayed immediately they are received, provided that:

- The phone is in the idle mode
- The **Receive** option is set to **Enable**
- The message channel is currently active in the channel list

If the message is long, press the down volume key on the left side of the phone one or more times.

The last five messages are also stored for later retrieval. Please contact your service provider for more information.

The following options are available.

Read: allows you to view the first message. Scroll through the message using or . At the end of the message, press the **Next** soft key to move to the next message.

Receive: allows you to turn the reception of broadcast messages on or off.

Channel List: lists all available channels. The channels currently selected are indicated by an asterisk (*) beside the name. When you select one of them, you can edit, enable, disable or delete the channel.
The **Enter Channel** option allows you to add a new channel to the channel list. Enter the appropriate channel ID obtained from your service provider, and a title for the channel.

Language: allows you to select your preferred language to be used when displaying cell broadcast messages.

Picture Messages

Menu 2-7

The phone allows you to send and receive text messages that contain pictures. These messages are called “picture messages”, several of which are preset in the phone and can be replaced with new ones received from other sources.

The following options are available.

Write Message: allows you to write text to send with the picture message.

Delete: deletes the picture message; Empty is displayed instead of the title.

Send Message: allows you to enter the destination phone number; you must then press the OK soft key to send the picture message.

Cut Number: allows you to extract a number from the picture message, so that you can call the number or save it in the phonebook.

Receiving a Picture Message

To view a message immediately you receive it, press the View soft key. Press the right soft key to toggle between viewing the message and the image.

The following options are available.

Save: allows you to save the picture message in your picture message list.

Discard: allows you to discard the picture message without saving it.

Cut Number: allows you to extract a number from the picture message, so that you can call the number or save it in the phonebook.

Note: This function is available between phones supporting Nokia's* Smart Messaging services.

Each picture message is made up of several text messages; it may, therefore, cost you more to send one picture message than one text message.

Picture messages are stored in the phone; you cannot, therefore, view them if you use your SIM card in another phone.

* Nokia is a registered trademark of Nokia Corporation.

Voice Functions

In the Voice Functions menu, you can use voice features, such as:

- Voice dial
- Voice command
- Voice memo
- AnswerPhone

Voice Dial *Menu 3-1*

The voice dialling feature allows you to make phone calls by saying a voice tag that has been added to a name and phone number in the phonebook. Any spoken word, such as a name, can be a voice tag.

When recording a voice dial tag, note that:

- Voice tags are not language-dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Where possible, record voice tags or make calls in a quiet environment.
- When recording a voice tag or making a call, hold the phone in the normal position close to your ear.
- The maximum length for a voice tag recording is about 1.5 seconds, but very short names are not recorded.
- You can record up to twenty voice-dial entries.

Record: allows you to record name tags and allocate them to numbers for voice dialling.

1. Say the name you want to use for voice dialling after you hear a voice prompt. For best results, use names with at least two syllables, or use both a first and last name. The phone stores the name as the first sample, and then prompts you to say the name again.

2. Respond to the prompt by repeating the name. The phone stores the name as the second sample and then requests the phone number and name.

3. To store the number, press the OK soft key. Follow the instructions described on page 37 to store the number in your phonebook.

Act: allows you to activate voice dialling.

You hear a voice prompt and Say Name is displayed. Say the voice tag clearly. The phone automatically dials the number of the recognised voice tag. If no match is found for the voice tag or the tag is not recognised, the phone may ask you to try again.

Note: This option is only available once you have recorded and stored voice tags.

Delete One: allows you to delete an individual voice tag. The corresponding phone number remains in the phonebook but the voice tag is deleted.

If the name displayed is...	**Then press...**
To be deleted	The **OK** soft key.
Not to be deleted	or . The next name is displayed.

To exit the **Delete One** option, press the ↩ soft key.

Play All: allows you to play back all recorded voice tags.

Delete All: allows you to delete all voice tags. The corresponding phone numbers remain in the phonebook but the voice tags are all deleted. Press the **OK** soft key when the message “Delete All Confirm?” is displayed.
Otherwise, press the **Cancel** soft key to exit the function without deleting the voice tags.

Voice Command *Menu 3-2*

This menu gives you quick access to menus you use frequently, by saying your own voice commands.

The following options are available.

Record: the most frequently used menu functions are programmable with your own voice commands. The menus are preset to OFF by default, indicating that they are not recorded. When voice commands are recorded successfully, the menus are changed to ON in the display.

Act: allows you to access the menus using the recorded voice commands.

Play All: plays back all voice commands you have recorded.

Delete All: deletes all commands you have recorded.

Voice Memo

Menu 3-3

You can use the Voice Memo feature to:

- Record up to three voice memos
- Play the recorded voice memos
- Delete one or all voice memos

The following options are available.

Record: allows you to record a memo. The screen displays the:

- Memo location
- Date and time when the memo was recorded
- Recording time counter

The maximum recording time is about 35 seconds. If you want to record for longer, press the **Continue** soft key. **Split** appears instead of **Continue**. You can continue recording and the rest of the memo is stored in the next memo location.

To stop recording, press the **Stop** soft key.

Note: If all memo locations are full, you must delete an old memo before recording a new one.

Replay: allows you to play back all memos recorded, starting with the most recent memo. The screen displays the:

- Memo location
- Date and time when the memo was recorded

To skip to the next memo, press the **Skip** soft key. To stop the playback, press the **Stop** soft key.

Delete One: allows you to delete a specific memo.

All memos recorded are played back, starting with the most recent one.

Delete All: allows you to delete all memos. Press the **OK** soft key when the message “Delete All Confirm?” is displayed.

AnswerPhone

Menu 3-4

You can set your phone to answer calls with your own recorded message.

You can use the message to inform callers of your current situation and to guide them to leaving messages in your voice mail.

While the message is being played, if you wish, you can take the call by pressing the **Accept** soft key.

The following options are available.

AnswerPhone: To turn off the AnswerPhone, select **Disable**, to turn on, select Enable.

Message Record: You can record for up to 35 seconds. To stop recording before the time is up, press the **Stop** soft key. To change the message, use the **Delete** option, and record a new one.

Message Select: The phone offers two default messages, and one message of your own. You can select User Message only when you have recorded your own message.

Tones

You can use the Tones menu to customise various sound settings, such as the:

- Ring tone, volume and type for incoming calls or messages
- Sounds made when your call is connected, you press a key, make a mistake or you switch your phone on/off.

Ring Tone *Menu 4-1*

This option allows you to set the ring tone for incoming calls or messages.

Note: If your SIM card supports the ALS feature, this option also allows you to select a different ring tone for each line.

The following options are available.

Melody: lets you choose between many different melodies. Each time you select a melody from the list, the melody is played.

Bell: lets you choose between many different bells. Each time you select a bell from the list, the bell rings.

My Music Box: lets you choose between 17 changeable ring tones; see below for further details.

- Downloading mono-poly ring tones (Download 1~3)
  With this method, you can select one of three ring tones extracted from a Nokia-compatible ring tone message. For details about this network service, contact your service provider.

When you receive a ring tone message, proceed as follows.

1. To listen to the tone, press the Play soft key.
2. To save the ring tone, press the Save soft key.
3. Select the location in which you wish to save the ring tone and press the OK soft key.
4. To use this tone as the current ring tone, press the Yes soft key. Otherwise, press the No soft key.

- Composing ring tones (User 1~2)
  With this method, you can select one of two ring tones composed with the Melody Composer menu option.
- Downloading 40 poly ring tones from other sources (Empty)
  With this method, you can download 12 of the ring tones from sources, such as PCLink in the content download kit or a WAP site.

Note: While downloading ring tones, if the battery is detached from the phone, you may lose the downloaded ring tones.

Melody Composer *Menu 4-2*

This menu allows you to compose your own, customised ring tone.

- Three octaves are available.
- A maximum of 100 notes can be entered.
- You can adjust the length of the notes and add rests, as required.

Composing a Melody

You can compose two melodies.

1. When you access the menu, the names of any melodies created are displayed. Otherwise, (Empty) appears. Select the melody that you wish to create or edit.

2. Press the Select soft key and compose your melody using the following keys.

To...	Then press...
Enter C, the first note in the musical scale	1.
Enter D	2 ABC.
Enter E	3 DEF.
Enter F	4 GHI.
Enter G	5 JKL.
Enter A	6 MNO.
Enter B	7 PQRS.
Move a note up or down one octave	8 TUV.
Enter a rest	0 + until the rest is of the required length.
Delete notes	C.
Move a note a semitone up or down	or (for example, the note A changes to A#, B, C, C#, and so on each time you press).
Add # to a note or not	#.
Change the length of a note	* (the length changes each time you press the key).
Listen to your melody	The Listen soft key.
Cancel your changes	.

3. When you are satisfied with your melody, press the **Yes** soft key.

4. Enter a title for the melody.

   Note: For further details on how to enter characters, refer to page 44.

   You are asked if the melody is to become the ring tone.

5. To use the melody as the ring tone, press the **Yes** soft key.
   The melody is saved and is played each time your phone rings.

Deleting a Melody

1. Select the melody that you wish to delete.
2. Hold down C for a few seconds.
   All notes are erased.
3. Press the Listen soft key. You are asked to confirm that you wish to delete the melody by pressing the Yes soft key.

Ring Volume *Menu 4-3*

This option allows you to adjust the ring volume to one of five levels. Use the volume keys on the left side of the phone or . The more bars you see, the greater the volume.

Alert Type *Menu 4-4*

This option allows you to indicate how you are to be informed of any incoming calls. The following options are available.

Light Only: only the backlight is switched on; the phone neither rings nor vibrates.

Melody: the phone rings using the tone selected via the Ring Tone menu option.

Vibration: the phone vibrates but does not ring.

Vibra+Melody: the phone first vibrates three times and then starts ringing.

Note: To toggle between the current alert type and the Silent mode, hold down #.

Keypad Tone *Menu 4-5*

This option allows you to select the tone that the keypad generates when you press a key. The following options are available.

OFF: the keys do not generate any sound.

Cool: each key from 1 to 9, when pressed, generates a pure sound only in the idle mode.

Piano: each key from 1 to 9, when pressed, generates a different note in the musical scale only in the idle mode.

Tone: each key, when pressed, generates a different sound.

Beep: each key, when pressed, generates the same sound.

Message Tone *Menu 4-6*

This option allows you to indicate how you are to be informed that you have received a new message. The following options are available.

Single Beep: the phone beeps once.

SMS Tone1 ~ SMS Tone5: the phone rings using the selected SMS tone.

Light Only: the service light on the top of the phone flashes.

Vibration: the phone vibrates but does not ring.

Power On / Off *Menu 4-7*

This option allows you to select the tone that you will hear when you switch your phone on or off.

The following options are available.

OFF: when you switch the phone on and off, you do not hear a jingle.

Classical: when you switch the phone on and off, you hear the default jingle.

Cheerful: when you switch the phone on and off, you hear a cheerful jingle.

Error Tone *Menu 4-8*

This option allows you to select how the phone informs you that you have made a mistake. The following options are available.

OFF: the phone does not beep.

ON: the phone beeps to indicate an invalid entry.

Minute Minder *Menu 4-9*

This option allows you to specify whether the phone must beep every minute during an outgoing call to keep you informed of the length of your call. The following options are available.

OFF: the phone does not beep.

ON: the phone beeps every minute.

Connect Tone *Menu 4-10*

This option allows you to specify whether the phone should beep when the phone connects to the network. The following options are available.

OFF: the phone does not beep.

ON: the phone beeps when your call is accepted.

Settings

Many different features of your phone can be customised to suit your preferences. All of these features are accessed via the **Settings** menu.

Phone Settings

Menu 5-1

Greeting Message

This option allows you to set a greeting message to be displayed briefly when the phone is switched on. When you select this option, the current message is displayed.

To...	Then press...
Clear the existing message	and hold it down until the message is cleared.
Enter a new message	The appropriate alphanumeric keys.
Cancel your input and return to the previous menu	.

For more information on entering characters, refer to page 44.

Own Number

Note: The contents of this menu may vary, depending on the SIM card.

You can enter your own name and number using this menu. If you have subscribed to the Alternate Line Service (ALS), you can select a line with or .

The following options are available.

Erase: allows you to erase the name and number.

Edit: allows you to edit the name and number. If your SIM card supports the ALS service, only the Edit soft key is displayed. Press the Edit soft key and enter or edit your own name for the ALS line.

Language

You can select a different language for the display and voice functions.

You can also set the default text input mode. For details on the text input modes, refer to page 44.

Any-key Answer

Depending on the setting of the **Any-key Answer** option, you can answer an incoming call by pressing any key, except and the **Reject** soft key.

To reject a call when the phone is...	Then press the...
Open	Reject soft key or .
Closed	Volume keys on the left side of the phone. Note: Hold this key down if the Any-key Answer option is set to OFF.

ON: you can press any key, except and the **Reject** soft key.

OFF: you can only press or the **Accept** soft key.

Backlight

You can specify whether or not the phone uses the backlight. A marginal increase in standby/talk time can be achieved by turning the backlight off. The following options are available.

Short: the backlight comes on when you press a key or receive a call and switches off 10 seconds after the last key is pressed.

Long: the backlight comes on when you press a key or receive a call and switches off 20 seconds after the last key is pressed.

OFF: the backlight is not used.

Service Light

This option allows you to select whether the service light on the top of the phone is used or not. The following options are available.

ON: the service light flashes when the phone is ready for use.

OFF: the service light is not used.

Auto Redial

With the Auto Redial function, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between two call attempts varies.

The following options are available.

ON: the number is redialled automatically.

OFF: the number is not redialled.

Auto Answer

With the Auto Answer function, the phone automatically answers calls after 3, 5 or 10 seconds. You can also turn this feature off.

Note: This feature is only available when the phone is connected to a car kit (optional).

Caller ID

You can prevent your phone number from being displayed on the phone of the person being called.

Note: Some networks do not allow the user to change this setting.

The following options are available.

Default: the default setting provided by the network is used.

Hide Number: your number is not displayed on the other person's phone.

Send Number: your number is sent each time you make a call.

Active Folder

The voice dial and voice command modes can be activated automatically whenever the phone is opened. The following options are available.

OFF: the voice dial and voice command modes must be activated manually via the Voice Dial and Voice Command menu options; for further information, refer to pages 69 and 71 respectively.

Voice Dial: the voice dial mode is activated when you open the phone.

Voice Command: the voice command mode is activated when you open the phone.

Note: When you use the ear-microphone and the **Active Folder** menu option is set to **Voice Dial** or **Voice Command**, you can use the corresponding function by pressing the button on the ear-microphone.

Reset Settings

You can easily reset your phone to its default configuration. Before proceeding, you must enter the phone's 4-digit password.

Note: The password is preset to 0000. To change this password, refer to page 97.

Active Line

Some SIM cards may be used with two subscriber numbers (network service). This function is only available if your SIM card supports it.

This option allows you to select the line to be used to make calls. However, calls can be answered on both lines, regardless of the selected line. When you select a line, the line number appears as an indicator after the operator/service provider's name.

When you select the Manual option, you can choose a line whenever you use the call barring, call diverting or call waiting functions; in this case, there is no indicator to show which line is active.

Network Services

Menu 5-2

These menu functions are network services. Please contact your service provider to check their availability and subscribe to them, if you so wish.

Call Diverting

Note: The call divert options may be different, depending on your SIM card and those not supported by your network operator may not be shown.

This network service enables incoming calls to be rerouted to the number that you specify.

Example: You may wish to divert your business calls to a colleague while you are on holiday.

Call diverting can be set up in the following ways.

Divert Always: all calls are diverted.

Busy: calls are diverted if your phone is engaged on another call.

No Reply: calls are diverted if you do not answer the phone.

Unreachable: calls are diverted if you are not in an area covered by your service provider.

Cancel All: all call diverting options are cancelled.

You can specify individual diverting options for each of the following call types:

- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

Example: You can:

- Systematically divert fax calls to your office fax machine
- Divert voice calls to your colleague if you are already using the phone

To set your call diverting options, proceed as follows.

1. Select the type of call diverting required by pressing or until the appropriate option is highlighted, and then press the **Select** soft key.
2. Select the type of calls to be diverted by pressing or until the appropriate option is highlighted and then press the **Select** soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter the number to which the calls are to be diverted.

   To enter an international code, hold down until the + sign is displayed. You can also select a number in the phonebook or the voice server number, by pressing the **Options** soft key, followed by **PhoneBook** or **Voice Server Number**.
5. When you are satisfied, press or the **OK** soft key. The phone sends your settings to the network and the network's acknowledgement is displayed.

To deactivate specific call diverting settings, proceed as follows.

1. Select the call diverting option to be deactivated.

2. Select the type of calls to which this option applies.

3. Press the **Remove** soft key.

   The phone sends your settings to the network and the network's acknowledgement is displayed.

You can also deactivate all call diverting settings by selecting the **Cancel All** option.

Call Barring

The call barring network service allows you to restrict your calls.

Call barring can be set up in the following ways.

All outgoing: calls cannot be made.

International: international calls cannot be made.

International except to home: when abroad, calls can be made only to numbers within the current country and to your home country, that is the country where your home network provider is located.

All Incoming: calls cannot be received.

Incoming while abroad: calls cannot be received when you are using your phone outside your home service area.

Cancel All: all call barring settings are deactivated; calls can be made and received normally.

You can specify individual call barring options for each of the following call types:

- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

To set your call barring options, proceed as follows.

1. Select the type of call barring required by pressing or until the appropriate option is highlighted and then press the **Select** soft key.

2. Select the type of calls to be barred by pressing or until the appropriate option is highlighted and then press the **Select** soft key.

3. Press the **Activate** soft key to confirm your settings.

4. Enter your call barring password supplied by your service provider.

   The phone sends your settings to the network and the network's acknowledgement is displayed.

To deactivate specific call barring settings, proceed as follows.

1. Select the call barring option to be deactivated.
2. Select the type of calls to which this option applies.
3. Press the **Remove** soft key.
4. Enter your call barring password supplied by your service provider.

   The phone sends your settings to the network and the network's acknowledgement is displayed.

You can also deactivate all call barring settings by selecting the **Cancel All** option.

Change Barring Password: you can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.
Once you have entered a new password, you are asked to confirm it by entering it again.

Call Waiting

This network service enables you to be informed when someone is trying to reach you during another call.

You can specify individual call waiting options for each of the following call types:

- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

To set your call waiting options, proceed as follows.

1. Select the type of calls to which the call waiting option is to be applied by pressing or until the appropriate option is highlighted and then press the **Select** soft key.
2. Press the **Activate** soft key to confirm your settings.

   The phone sends your settings to the network and the network's acknowledgement is displayed.

To deactivate specific call waiting settings, proceed as follows.

1. Select the type of calls to which the option applies.
2. Press the **Deactivate** soft key.

   The phone sends your settings to the network and the network's acknowledgement is displayed.

You can also deactivate all call waiting settings by selecting the **Cancel All** option.

Network Selection

The Network Selection feature enables you to control whether the network used when roaming (outside your home area) is selected automatically or manually.

Note: You can select a network other than your home network only if it has a valid roaming agreement with your home network.

To indicate whether the network is to be selected automatically or manually when roaming, proceed as follows.

1. When the **Network Selection** menu is displayed, press the **Select** soft key.
2. Press or until the appropriate option is highlighted and press the **OK** soft key.

   If you select **Automatic**, you are connected to the first available network when roaming.

   If you select **Manual**, the phone scans for the available networks. Go to Step 3.
3. Press or until the preferred network is highlighted and press the **OK** soft key.

   You are connected to that network when roaming.

Line Identification

This option allows you to view the following line identification settings.

CLIP (Calling Line Identification Presentation) / COLP (Connected Line Identification Presentation)
If these network functions are active, the caller's number is displayed during a call. If the phone number matches one stored in the phonebook, the caller's name is also displayed.

CLIR (Calling Line Identification Restriction) / COLR (Connected Line Identification Restriction)
If these network functions are active, your phone number is not displayed on the called person's phone.

Closed User Group (CUG)

This network service allows incoming and outgoing calls to be restricted to a selected user group. You may be a member of up to 10 user groups.
For details on how to create, activate and use a closed user group, contact your service provider.

Example: A company lends SIM cards to its employees and wants to restrict outgoing calls to members of the same team.

When you select the **Closed User Group** option, you are asked if you want to activate the CUG function. Press the **Yes** soft key to confirm. You can now access the following options.

Deactivate: deactivates the CUG function.

Index List: lets you list, add or delete CUG index numbers. The list of current CUG indexes appears. Add a new CUG index (as advised by your service provider) or delete a selected group.

To...	Then press...
Scroll through the existing CUG indexes	or .
Add a new CUG index	The **Options** soft key, select Add and enter the index.
Delete a CUG index	or to select the index you want to delete, press the Options soft key and select Delete.

Outside Access: enables you to allow or prohibit calls to numbers other than those nominated for the closed user group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

Default Group: you may communicate a default CUG to your service provider. If you have done so, you can enable the Default Group option on your phone. When making a call, you will be given the option of using your default CUG, instead of selecting one from the list.

Security Settings *Menu 5-3*

The security settings enable you to restrict the use of your phone to:

- The people of your choice
- The types of calls of your choice

Various codes and passwords are used to protect the features of your phone. They are described in the following sections (also see page 129).

PIN Check

When the PIN Check feature is enabled, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

Note: Before disabling the PIN Check feature, you must enter your PIN.

The following options are available.

Enable: you must enter the PIN each time the phone is switched on.

Disable: the phone connects directly to the network when you switch it on.

To change your PIN, refer to the Change PIN menu option below.

Change PIN

This feature allows you to change your current PIN to a new one, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one. Once you have entered a new PIN, you are asked to confirm it by entering it again.

Phone Lock

When the Phone Lock feature is enabled, the phone is locked and you must enter the 4-digit phone password each time the phone is switched on.

The password is factory set to 0000. To change the phone password, refer to the Change Password menu option on page 97.
Once the correct password has been entered, you can use the phone until you switch it off.

The following options are available.

Enable: you are required to enter the phone password when you switch the phone on.

Disable: you are not asked to enter the phone password when you switch the phone on.

Change Password

The Change Password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

The password is factory set to 0000. Once you have entered a new password, you are asked to confirm it by entering it again.

SIM Lock

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code.

Once you have entered the lock code, you are asked to confirm it by entering it again.

To unlock the SIM, you must enter the SIM lock code.

FDN Mode

The FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available.

Enable: you can only call phone numbers stored in the phonebook. You must enter your PIN2.

Disable: you can phone any number.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu option is not displayed.

To change your PIN2, refer to the Change PIN2 menu option on page 98.

Change PIN2

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one.

Once you have entered a new PIN2, you are asked to confirm it by entering it again.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu option is not displayed.

LCD / LED Settings *Menu 5-4*

Wallpaper

This option allows you to select the background image to be displayed on your phone.

Image: allows you to select one of the five predefined images or the calendar. When the calendar is displayed in idle mode, you can scroll through the months by pressing or .

My Image: allows you to select one of the images downloaded from the content CD or a WAP site.

To preview an image, press the Preview soft key. To return to the image list, press the ↺ soft key.

If you select the Animation option, the downloaded images are displayed in sequence.

My Image Settings: allows you to set the text colour, background colour, text position and display time by selecting the appropriate sub-options.

Note: This feature is only available if you have selected the **My Image** menu option.

Main Menu

This option allows you to select the type of animation for the menus: Classical or Cute.

Skin

This option allows you to select one of three menu patterns.

LCD Brightness

This option allows you to adjust the brightness of the displays. Press to increase or decrease the brightness.

Service Colour

There are six colours available for the service light: green, yellow, orange, violet, blue and sky blue. You can scroll through these colours, by pressing or . Press the Select soft key to select the required colour.

Graphic Logo

This option allows you to display your operator's logo instead of its name.

ON: the operator logo stored in your phone is displayed in idle mode; if no logo has been stored, the operator name is displayed.

OFF: the operator name is displayed in idle mode.

Browser Settings

Menu 5-5

Note: This menu may not be shown, depending on your network service provider.

You can set up several proxies, using the Proxy Settings menu option, and you can designate one as the current proxy, using the Current Proxy menu option. The following parameters must be set for each proxy; they may vary depending on your service provider. Contact your service provider for further details.

Proxy Name: name of the proxy server.

WDP Address: IP address required to connect to the Internet.

Port Number: number of the port used to connect the gateway.

Home URL: URL address of your home web site.

Access Point

NAS Phone Number: PPP server phone number.

Login Name: PPP server login ID (may be optional).

Password: PPP server password (may be optional).

Network Type: V.32 Transparent, V.32 Non-Transparent, V.110 Transparent or V.110 Non-Transparent.

Organiser

The Organiser feature enables you to:

- Write your schedule or to do list
- Set the alarm so that the phone rings at a specific time (to remind you of an appointment for example)
- Use your phone as a calculator
- View the calendar
- Find out what time it is in various cities around the world
- Set the current date and time
- Use your phone as a unit converter, timer or stopwatch

Scheduler

Menu 6-1

The Scheduler helps you to keep track of reminders, calls that you need to make, meetings and birthdays. The phone alarm rings when the date set for a birthday, reminder or call is reached.

When you access the Scheduler menu, the following options are available.

Go to date: allows you to enter a particular date and schedule an event on that date.

View All: shows the events scheduled.

Delete All: deletes all the scheduled events.

To schedule a new event, proceed as follows.

1. When the calendar is displayed, select the month by pressing the volume keys on the left side of the phone, select the week by pressing or and select the day by pressing . You can also use the **Go to date** menu option to specify the date.

Notes:
- You can also use or to select the week, and or to select the day.
- To exit the Calendar screen, press . The phone returns to the previous menu level.

2. Press the OK soft key.

3. Select a schedule type. Four types are available.
   Reminder: requires a description and the time.
   Call: requires a phone number and the time.
   Meeting: requires a description and the time.
   Birthday: requires a name and the time.

4. Enter the appropriate information, referring to page 44 for further details on how to enter text if necessary.

5. If you wish to set the alarm to ring on the scheduled date and time, select **Yes**. Otherwise, select No.

6. If you selected Yes, set the time for the alarm and press OK.

A date that has a schedule already associated with it is underlined. If you select such a date, the contents are displayed.

Note: If you have scheduled more than one event on a given day, you can scroll to the required event by pressing or .

The following options are available.

Add: allows you to add new contents.

Delete: deletes the scheduled event.

Move: moves the scheduled event to a new date.

Copy: copies the scheduled event to a new date.

Delete Day: deletes all events scheduled on that date.

Alarm

Menu 6-2

This option allows you to set the alarm to ring at a specific time when your phone is switched on. You can set one or more alarms.

The following alarms are available.

Daily Alarm: the alarm rings every day at the same time.

Once Alarm: the alarm rings only once and is then deactivated.

Weekly Alarm: the alarm rings every week on the same day and at the same time.

The **Alarm Tone** option allows you to select a specific tone for the alarm.

To set the alarm, proceed as follows.

1. Select an alarm type by pressing the Select soft key.

   The Set Alarm option allows you to set the alarm time or days of the week.

2. If you have chosen **Weekly Alarm**, select the required day of the week and press .
   The * symbol appears to indicate that the day is selected.
   To remove it, press .
   You can set more than one day.

3. Press the **OK** soft key.

4. Enter the required time, then press the **OK** soft key.

   Alarm Activated is displayed.

Once an alarm has been set, you can see the alarm icon (🔔) in the top line of the display. To stop the alarm when it rings, open the phone or press any key.

To deactivate the alarm, select the **Remove Alarm** option.

Note: If your phone is switched off, the alarm will not ring.

Calculator

Menu 6-3

You can use the phone as a 9-digit calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, division, percentages.

To use the calculator, proceed as follows.

1. Enter the first figure using the number keys.

2. Press the Operator soft key until you find the appropriate arithmetic symbol: + (add), - (subtract), x (multiply), / (divide).

3. Enter the second figure.

4. Repeat Steps 2 and 3 if necessary.

5. To calculate the result to two decimal places, press the Equal soft key or .

To erase any mistakes or clear the display, press .

To enter a decimal point, press .

Examples:

Expression	Key Sequence	Result
12*3+5=	12x3+5 (or)	41
34+57=	34+57 (or)	91
45+57=	45+57 (or)	102
48-23=	48-23 (or)	25
14-23=	14-23 (or)	-9
68*25=	68x25 (or)	1700
68*40=	68x40 (or)	2720
35/14=	35/14 (or)	2.5
98/14=	98/14 (or)	7
10% of 200	200x10	20
10=? % of 100	10/100	10
10% premium of 200	200+10	220
10% discount of 200	200-10	180
Square of 4	4x (or)	16
Reciprocal of 8	8/ (or)	0.12

Note: When you have finished with the calculator, press to return to the previous menu level.

To Do List

Menu 6-4

This feature allows you to:

- Draw up a list of tasks to be done
- Assign a priority and deadline to each task
- Sort the tasks by priority and status mark

Creating the To Do List

1. Press the New soft key.
2. Enter the task.
   For further information on how to enter text, see page 44.
3. Press the OK soft key.
4. Select high or low priority using or , and the Select soft key.
5. Enter your deadline.
6. Press the Yes soft key.

Editing the To Do List

If tasks are already defined in the to do list when you select the To Do List menu option, the current contents are displayed with the associated status mark and priority.

To view the detailed contents of a task, press the View soft key. To change the status of a task, press .

You can choose the following options, by pressing the Options soft key.

New: allows you to create a new task.

Mark: allows you to mark a task as completed.

Edit: allows you to edit an existing task.

Sort: allows you to sort the tasks by priority (high, low) or by status.

Copy: allows you to copy a task.

Delete: allows you to delete a task.

Delete All: allows you to delete all tasks.

Calendar

Menu 6-5

You can view calendars for 1900 through to 2099.

To move to the...	Then press...
Previous day	or .
Next day	or .
Previous week	or .
Next week	or .
Next or previous month	The volume key on the left side of the phone.

You can also change dates by pressing the **Goto** soft key.

World Time

Menu 6-6

You can use your phone to check the current time in 21 major cities around the world. Scroll through the cities using .
The screen shows the:

- City name
- Current date and time
- Time difference between the selected city and your city if you have set the local time (see below for further details) or GMT (by default)

To select the time zone in which you are located, proceed as follows.

1. Select the city corresponding to your time zone by pressing one or more times.

   The local date and time are displayed.

2. Press the **Set** soft key.

3.

To...	**Then press the...**
Update the current date/time with this new setting	**Set Local** soft key.
Indicate that the time zone is currently using the daylight saving time	**Set DST** soft key. A check mark is shown next to the time difference.
Indicate that the time zone is no longer using the daylight saving time	**Remove DST** soft key (only available when the check mark is shown next to the time difference).

Clock

Menu 6-7

This option allows you to change the current time and date.

The following options are available.

Set Time: allows you to change the time displayed, using the 24-hour system.

Note: Before setting the time, you must specify your time zone, via the **World Time** menu option.

Set Date: allows you to change the date displayed. Enter the day, month and year.

Conversion

Menu 6-8

This option allows you to convert from one type of unit to another.

To convert a value, proceed as follows.

1. Select the type of conversion to be performed from Length, Weight, Volume, Area and Temperature, and press the Select soft key.
2. Enter the value to be converted and press to move to the From field.
3. Select the original unit by pressing or and press to move to the To field. Refer to the table on the following page for the units available.
4. Select the required unit by pressing or .
5. Press the Select soft key or to view the result.
   The result appears in the Answer box.

Units Available

Type	Units		
Length	mm km yard	cm in mile	m ft
Weight	g grain	kg oz	ton pound
Volume	cm^3 in^3 gal	m^3 ft^3	l yd^3
Area	cm^2 in^2 Acre	m^2 ft^2	a yd^2
Temperature	°C	°F	

Timer

Menu 6-9

Using the Timer feature, you can set the phone to sound an alarm after a certain time.

1. Press the Set soft key.
2. Enter the length of time you wish to count down in hours and minutes and press the OK soft key.
3. Press the Start soft key to start counting down.

Even if you exit the Timer screen, the timer will continue running. After the specified time has expired, the phone informs you by playing a melody and displaying a text notification. To stop the timer melody when it rings, open the phone or press any key.

To stop the timer before the end, press the Stop soft key on the Timer screen.

Note: The timer uses power from the battery; consequently, the phone's operating time will be reduced.

Stopwatch

Menu 6-10

The stopwatch can be used to measure times for various sports.

Example: Running or swimming races.

Up to four stopwatches can be used.

The precision of the stopwatch is one hundredth of a second. The maximum measurement time is 10 hours.

1. To start the stopwatches, press the Select soft key.
2. When you wish to stop the first stopwatch, press the Select soft key. Repeat this step for the other stopwatches.
3. Press the Reset soft key to reset the watches.
4. Press or to exit.

Games

Using this menu option, you can also enjoy playing three games.

Scroll to the required game by pressing or and press the Select soft key.

The following options are available.

New Game: allows you to start a new game.

High Score: shows you the High Score table.

Key Info: shows you which keys do what within the game.

Continue: allows you to continue a previously saved game. This option is only available when a game has already been saved.

While you are playing a game, to...	**Then press...**
Adjust the game volume	The volume keys.
Pause the game	.
Pause and exit the game	.

Bowling

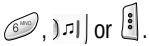
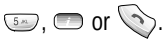
Menu 7-1

The goal of the game is to knock down a triangular group of ten pins by rolling a ball.

When you start a new game, you can select the required mode, character and ball by pressing .

When the game starts, the screen shows the character and ball. Move the character first, then select the spin and direction, and finally set the power of the ball.

Key Commands

To...	**Then press...**
Move left	or .
Move right	 or .
Set the speed or spin or throw the ball	 or .
Turn the sound on or off	.

Speed Up

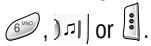
Menu 7-2

The goal of the game is to get to the destination without crashing in the shortest time possible.

When you start a new game, you can select a destination, level of difficulty and vehicule. Once you have selected all the options, “Ready?” is displayed and the countdown starts.

When you reach the finish line, the time spent and your score are displayed.

Key Commands

To...	**Then press...**
Move left	or .
Move right	 or .
Accelerate	.
Brake	.

Honey Ball

Menu 7-3

The goal of the game is to break honey blocks by bouncing a ball between a bat and the honey blocks.

When you start a new game, the ball is sitting on the bat in the middle of the screen. Once you start the ball moving, you must position the bat, so that the ball continues to bounce off it. Each time the ball hits a honey block, the block breaks, sometimes revealing letters that enhance the efficiency of the bat or ball:

B: the bat and ball change back to their standard form.
C: the ball sticks to the bat each time it hits it, giving you time to optimise your position.
H: the bat increases in length.
P: the ball is changed into a power ball, so that it no longer bounces off the blocks. It goes straight through them, destroying anything that it touches.

If you reach the final stage of the game, the rules are slightly different. The honey blocks are much stronger and need to be hit more than once before they are destroyed. At the same time, small bees attack the bat, damaging it a little each time until it is destroyed and you lose a life.

Key Commands

To...	**Then press...**
Slope up	.
Slope down	.
Move left	, or .
Move right	, or .
Hit the ball	, , or .

WWW Services

You can use your phone as a Web Browser. You can obtain up-to-date news, weather, sport and other information as well as use e-mail and other Internet services.

Please contact your service provider to open your Internet account. To use the Web Browser, you must check that you have specified your mobile phone number in the Own Number menu option.

Home

Menu 8-1

When you select this menu option, the phone connects to the network and loads the homepage of the Wireless Web service provider.

Once connected, the homepage is displayed. The content depends on the service provider.

Note: To launch the browser from the idle mode, press in the centre of the scroll button.

To exit the browser, press at any time. The phone returns to the idle mode.

Bookmark *Menu 8-2*

You can store the addresses of up to five Internet sites for easy access using the Bookmark feature.

Three options are available.

Edit: allows you to create or edit a local bookmark.

1. Enter the required title (up to 14 characters).
2. Press the OK soft key.
3. Enter the URL address (up to 128 characters).
4. Press the OK soft key.

Go: allows you to open the selected page.

Delete: allows you to delete the selected bookmark.

Goto *Menu 8-3*

This menu option allows you to manually enter the URL address of the Web site that you wish to access.

Enter the URL address and press the Go soft key.

Navigating with the WAP Browser

You can surf the Internet using either the phone keys or the WAP Browser menu.

Using the Phone Keys

When surfing the Internet, the phone keys function differently from the phone mode.

To...	Then press...
Scroll each line of the content area	or .
Return to the previous page	(except on the homepage).
Return to the startup homepage	and hold it down anywhere.

Using the WAP Browser Menu

There are various menu options available when surfing the Wireless Web.

To access the WAP Browser menu, proceed as follows.

1. Press .
   A list of menu options appears.
2. Highlight the required option using or .
3. Press the left soft key to select the option.
4. If necessary, select the secondary option by pressing or , followed by the left soft key.

Note: The WAP Browser menus may vary, depending on your version of the browser.

The following options are available.

Back: returns to the previous page.

Home: takes you back at any time to the homepage of the Wireless Web service provider.

Exit: exits the WAP Browser.

Inbox: stores received push messages or WAP data.

Reload: reloads the current page.

Advanced: gives you access to the following advanced features. Some features may not be supported by your network operator.

Show URL: shows the URL of the current page.
Clear Cache: allows you to clear the information stored in the cache (the phone's temporary memory used to store the most recently accessed Web pages).

About...: shows the version of the WAP Browser.

Entering Text, Numbers or Symbols

When you are prompted to enter text, the current text entry mode appears above the right soft key (ABC/abc). To change modes, press the right soft key. Three options are displayed.

ABC/abc: allows you to enter lower-case and upper-case letters. You can switch between lower- and upper-case letters by pressing .

123: allows you to enter numbers.

Sym: allows you to enter various symbols and punctuation marks. When you select this option, a window is displayed with all available symbols. To select the required symbol, use .

If you wish to edit text, move the cursor to the required position, using and clear the incorrect letter by pressing . Then enter the correct letter.

Additional Services

ALS (Alternate Line Service)

Note: Please contact your service provider to check the availability of this feature and how to subscribe to ALS.

The ALS feature enables two lines to be associated with one SIM card. Consequently, you can make and receive calls on either line. If you subscribe to this network service, a few additional menu options enable you to set up this feature.

Selecting a Line

You can set a line for each call via the Active Line menu option. For further details, refer to page 85.

Editing the Line Name

You can edit the name of each line via the Own Number menu option.

When you edit the name of a line, this name replaces “Line 1” or “Line 2”, as applicable. For further details, refer to page 81.

Setting the Ring Type

To distinguish between incoming calls on the two lines, you can select a different ring tone for each line via the Ring Tone menu option. For further details, refer to page 74.

Setting Call Diverting Options

You can set up call diverting via the Call Diverting menu option. This service reroutes incoming calls on the line of your choice to a specified number. For further details, see page 86.

Solving Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

When you switch your phone on, the following messages appear

Insert SIM Card
- Check that the SIM card is correctly installed.

Phone Locked
- The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

Enter PIN
- You are using your phone for the first time. You must enter the Personal Identification Number supplied with the SIM card.
- The option requiring that the PIN be entered each time the phone is switched on was enabled. You must enter your PIN and then disable this option if so required.

Enter PUK
- The PIN was entered wrongly three times in succession and the phone is now blocked. Enter the PUK supplied by your network operator.

"No Service" is displayed

- The network connection was lost. You may be in a weak reception area (in a tunnel or surrounded by buildings). Move and try again.
- You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Have you pressed ?
- Are you accessing the right cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on (pressed for more than one second)?
- Are you accessing the right cellular network?
- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

- Have you switched off the microphone (Mute appears)?
- Are you holding the phone close enough to your mouth? The microphone is located on the bottom right of the phone.

The phone starts beeping and "**Warning** Battery Low" flashes on the display

- The battery is insufficiently charged. Replace the battery and recharge it or connect the travel adapter.

The audio quality of the call is poor

- Check the signal strength indicator on the display (); the number of bars indicates the signal strength from strong ( ) to weak ( ).
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you recall a phonebook entry

- Check that the numbers have been stored correctly, by using the Phonebook Search feature.
- Re-store them, if necessary.

If the above guidelines do not help you to solve the problem, take a note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorised use.

The access codes (except for the PUK and PUK2 codes) can be changed using the Security Settings menu option. See page 95 for further details.

Phone Password

The phone password can be set to avoid unauthorised use of the phone. The default password supplied with the phone is 0000, but you are advised to change it before you start using your phone. Keep the new code secret and in a safe place, separate from the phone.

If you key in an incorrect password five times in succession, the phone will not accept the correct code for the next five minutes.

PIN

The PIN (Personal Identification Number) protects your SIM card against unauthorised use. It is usually supplied with the SIM card. When the PIN Check feature is enabled (see page 95), you must enter the PIN each time you switch on the phone.

If you key in an incorrect PIN three times in succession, key in the PUK and press the **OK** soft key. Key in a new PIN and press the **OK** soft key. Key in the new PIN again and press the **OK** soft key.

PIN2

The PIN2, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you key in an incorrect PIN2 three times in succession, key in the PUK2 and press the **OK** soft key. Key in a new PIN2 and press the **OK** soft key. Key in the new PIN2 again and press the **OK** soft key.

PUK

The PUK (Personal Unblocking Key) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, contact your local service provider.

If you key in an incorrect PUK ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK. If you lose the code, contact your service provider.

PUK2

The PUK2, supplied with some SIM cards, is required to change a blocked PIN2.

If you key in an incorrect PUK2 ten times in succession, you cannot use the functions requiring the PIN2. Contact your service provider for a new card.

You cannot change the PUK2. If you lose the code, contact your service provider.

Call Barring Password

The 4-digit call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

Health and Safety Information

Exposure to Radio-Frequency Energy (SAR Information)

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured, so as not to exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0W/kg.*

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

Reference Information

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

The highest SAR value for this model phone when tested for compliance against the standard was 0.718W/kg. While there may be differences between the SAR levels of various phones and various positions, they all meet the EU requirements for RF exposure.

Precautions When Using Batteries

- Your phone is powered by a rechargeable Li-ion standard battery.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your phone behind the wheel, practice good common sense and remember the following tips.

1. Get to know your wireless phone and its features, such as speed-dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a to do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car is stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make the people with whom you are talking aware that you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial the emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see a car accident, crime in progress or other serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or any other special non-emergency wireless number.

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on
- Should not carry the phone in a breast pocket
- Should use the ear opposite the pacemaker to minimise potential interference

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.
You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call, proceed as follows.
1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 112 or any other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch off your phone before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not touch the phone with wet hands while it is charging. Doing so may give you an electric shock or damage the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, stove or radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

Active Folder

Ability to voice dial or submit a voice command immediately on opening the phone.

ALS (Alternate Line Service)

Capability of associating two lines with one SIM card. With this service, you can make and receive calls on either line, as required.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to reroute calls to another number.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call when engaged on another call.

CLI (Caller Line Identification) Services

Service allowing subscribers to view or block the telephone numbers of callers.

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Multiparty Calling

Ability to establish a conference call involving up to five additional parties.

Phone's Password

Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your home area (when travelling for example).

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received (up to 160 characters long) can be displayed, received, edited or sent.

Soft Keys

Two keys marked and on the phone, the purpose of which:

- Varies according to the function that you are currently using
- Is indicated on the bottom line of the display just above the corresponding key

Voice Mail

Computerised answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

Index

A

ABC mode • 44; 48
Access codes • 129
Accessories • 9
Active Folder • 84
Active Line • 85
Alarm • 103
Alert Type • 77
ALS • 124
Answering
  calls • 26
  second call • 33
AnswerPhone • 73
Any-key Answer • 82
Auto Answer • 83
Auto Redial • 83

B

Backlight • 15; 82
Barring
  calls • 89
  password • 90; 131
Batteries
  charging • 19
  installing • 17
  low battery indicator • 21
  precautions • 134
Brightness • 99
Broadcast • 65
Browser
  settings • 100
  using • 119

C

Calculator • 105
Calendar • 108
Caller ID • 84
Calls
  alert types • 40; 77
  answering • 27
    second call • 33
  barring • 89
  cost • 59
  dialled • 58
  diverting • 86
  emergency • 141
  ending • 25
  holding • 32
  international • 24
  making • 24
  missed • 28; 57
  multiparty • 34

C (continued)

Calls (continued)
  received • 57
  records • 57
  redialling • 25
    automatically • 83
  rejecting • 27
  ring tone • 40
  searching for a number in the phonebook • 42
  time • 58
  via the phonebook • 42
  voice functions • 69
  waiting • 33; 91
Care • 143
Changing
  passwords
    call barring • 90
    phone • 97
  PIN • 96
  PIN2 • 98
  text input modes • 45
Characters
  entering • 44
Charging batteries • 19
Clock • 110
Closed User
  Group • 94
Colour
  service light • 41; 99
Command
  voice • 71
Composing melodies • 75
Conference calls
  • See Multiparty calls
Connect
  to Voice Mail • 60
  Tone • 79
Conversion • 111
Copying phonebook
  entries • 40
Correcting numbers • 24
Cost of calls • 59
CUG • 94

D

Date setting • 110
Deleting
  melodies • 77
  messages • 62
  missed calls • 29

D (continued)

Deleting (continued)
- phonebook entries • 40
- schedule events • 101
- to do list tasks • 108
- voice commands • 71
- voice dial numbers • 71
- voice memos • 73

Dialled Calls • 58
Dialling • 24
- phonebook numbers • 42
- speed • 41
- voice • 69

Display
- brightness • 99
- external • 15
- icons • 14
- language • 81
- main • 13
- settings • 98

Diverting calls • 86

E

Ear-microphone • 23
Earpiece volume • 26
Editing
- missed calls • 29
- phonebook entries • 40
- to do list • 107

Emergency calls • 141
Ending calls • 25
Error Tone • 79
Explosive atmospheres • 140
External display • 15

F

FDN Mode • 97
Fixed Dial Number mode • 97
Functions
- selecting • 51

G

Games • 115
Graphic Logo • 99
Greeting Message • 80

H

Health • 132
Hearing aids • 139
Holding calls • 32

I

Icons • 14
Identifying
- callers • 84
- lines • 93

Information numbers • 43
Input mode
- changing • 45
- setting • 81

International calls • 24
Internet • 119

K

Key tones
- muting • 36
- selecting • 78
- sending • 36
- volume • 26

Keys
- location • 10
- purpose • 11

L

Language • 81
Last number redialling • 25
LCD
- brightness • 99
- external • 15
- icons • 14
- language • 81
- main • 13
- settings • 98

Length of calls • 58; 79
Letters
- entering • 44

Line Identification • 93
Locking
- phone • 96
- SIM card • 97

Low battery indicator • 21

M

Maintenance • 143
Medical devices • 139
Melody Composer • 75
Memory status • 40
Memos • 72
Menus
- animation • 99
- scrolling • 53
- skin • 99
- structure • 54

M (continued)

Messages • 60
- broadcast • 65
- greeting • 80
- picture • 67
- preset • 64
- reading • 61
- ring tones • 74
- setup • 64
- tone • 78
- voice mail • 60
- writing • 63

Microphone mute • 30
Minute Minder • 79
Missed Calls • 29; 57
Multiparty calls • 34
Music box • 74
Mute
- key tones • 36
- microphone • 30

N

Names
- entering • 44
- searching/dialling • 42
- storing • 37
- voice dial • 69

Network Selection • 92
Network Services • 86
Numbers
- correcting • 24
- FDN • 97
- information • 43
- mode • 44; 50
- own • 81
- redialling • 25
- searching/dialling • 42
- speed-dial • 41
- storing • 37
- voice dial • 69
- voice server • 61

O

Options
- phonebook • 38
- selecting • 51

Organiser • 101
Own Number • 81

P

Pacemakers • 138
Password
- barring • 131
  - changing • 90
- phone • 129
  - changing • 97

Pasting phonebook numbers • 39
Personal Identification Number
- See PIN

Phone
- layout • 10
- lock • 96
- password • 97; 129
- settings • 80
- switching on/off • 22

Phonebook • 37
- copying numbers • 40
- deleting recorded names • 39
- dialling • 42
- editing numbers • 40
- erasing numbers • 40
- making calls • 42
- memory status • 40
- options • 38
- pasting numbers • 39
- playing recorded names • 39
- ring tones • 40
- searching • 42
- speed-dialling • 41
- storing numbers/names • 37
- voice recording • 39

Picture Messages • 67
PIN • 130
- changing • 96
- checking • 95

PIN2 • 130
- changing • 98

Power On/Off • 78
Preset Message List • 64
Problem solving • 126
PUK • 131
PUK2 • 131

R

Radio-frequencies • 132
Read Messages • 61
Received Calls • 57
Recording
- voice commands • 71
- voice dial names • 69
- voice memos • 72

Records
- call • 57

R (continued)

Redialling
  automatically • 83
  last number • 25
Rejecting calls • 27
Replaying
  voice commands • 71
  voice dial tags • 71
  voice memos • 72
Reset Settings • 85
Ring Tone • 74
  phonebook • 40
Ring Volume • 77
Road safety • 136
Roaming • 92

S

Safety
  batteries • 134
  electronic devices • 138
  explosive atmospheres • 140
  information • 132; 142
  medical devices • 139
  operating environment • 138
  precautions • 7
  road • 136
Scheduler • 101
Searching/dialling
  phonebook numbers • 42
Second call • 33
Security Settings • 95
Selecting functions/options • 51
Sending key tones • 36
Service directory • 43
Service Light • 16; 83
  colour • 41; 99
Settings
  alarm • 104
  browser • 100
  date • 110
  LCD/LED • 98
  network • 86
  phone • 80
  reset • 85
  security • 95
  text language • 81
  time • 110
Setup • 64
SIM card
  installing • 17
  locking • 97
SMS • See Messages
Soft keys • 51
Solving problems • 126
Speed-dialling • 41

S (continued)

Stopwatch • 114
Switching on/off
  microphone • 30
  phone • 22
Symbolic mode • 44; 50

T

T9 mode • 44; 46
Text
  entering • 44
  input modes • 44
  language • 81
Time
  setting • 110
  world • 109
Timer • 113
To Do List • 107
Tones • 74
  connect • 79
  error • 79
  keypad • 78
  message • 78
  ring • 40; 74
Travel adapter • 19

U

User groups • 94

V

Voice
  command • 71
  dial • 69
  functions • 69
  language • 81
  mail
    connecting to • 60
    server number • 61
  memo • 72
  server number • 61
Volume
  earpiece • 26
  keys • 26
  ring • 77

W

Waiting
  call • 33; 91
Wallpaper • 98
WAP Browser • 119
World Time • 109
Write Messages • 63
WWW Services • 119

SGH-T400 GSM Telephone

Quick Reference Card

Switch On/Off

Press and hold down .

Make a Call

(Direct Call)

① Key in the number.
② Press .

(Voice Dial)

Provided that the name is recorded and the Active Folder menu option is set to Voice Dial:

① Open the phone.
② Say the name.

End a Call

Briefly press .

Access the Menu Function

① Press the **Menu** soft key.
② Scroll with (or) through the main menus until you reach the required menu.
③ Scroll with or through the list of options until the required option is selected.
④ Press the left soft key to confirm.

- *Each of the two soft keys (and) performs the function indicated by the text above it (bottom line in the display).*

Answer a Call	Open the phone or Press .
Adjust the Volume	Press the volume keys on the left side of the phone.
Store Numbers in the Phonebook	① Key in the number. ② Press the **Save** soft key. ③ Enter the name. ④ Press the **Save** soft key. ⑤ If necessary, change the location. ⑥ Press the **OK** soft key.

Search for a Number in the Phonebook	① Press the **PhoneBook** soft key. ② Enter the start of the name. ③ Press the **Find** soft key. ④ To scroll through the names, press or . ⑤ To make a call, press .
Record a Name for Voice Dialling	① Press the **PhoneBook** soft key. ② Press the **Options** soft key. ③ Select the **Voice Record** option. ④ Record the name and follow the instructions.